

AAdv DEGs KEGG

Category	Term	Description	LogP	Log(q-valu	InTerm	Inl
KEGG Patl	hsa04640	Hematopoietic cell lineage	-11.41471	-8.720982	25/97	
KEGG Patl	hsa04640	Hematopoietic cell lineage	-11.41471	-8.720982	25/97	
KEGG Patl	hsa04659	Th17 cell differentiation	-7.409547	-5.42016	21/107	
KEGG Patl	hsa05166	HTLV-I infection	-3.873048	-2.7659	27/256	
KEGG Patl	hsa04658	Th1 and Th2 cell differentiation	-3.868562	-2.7659	14/92	
KEGG Patl	hsa04514	Cell adhesion molecules (CAMs)	-9.484277	-7.181228	28/145	
KEGG Patl	hsa04514	Cell adhesion molecules (CAMs)	-9.484277	-7.181228	28/145	
KEGG Patl	hsa04151	PI3K-Akt signaling pathway	-9.397833	-7.181228	46/342	
KEGG Patl	hsa04151	PI3K-Akt signaling pathway	-9.397833	-7.181228	46/342	
KEGG Patl	hsa04512	ECM-receptor interaction	-7.224876	-5.376247	18/82	
KEGG Patl	hsa04510	Focal adhesion	-6.918637	-5.179153	29/199	
KEGG Patl	hsa05200	Pathways in cancer	-4.64645	-3.386041	39/395	
KEGG Patl	hsa05222	Small cell lung cancer	-3.70885	-2.638372	13/84	
KEGG Patl	hsa05144	Malaria	-9.203026	-7.111359	16/49	
KEGG Patl	hsa05144	Malaria	-9.203026	-7.111359	16/49	
KEGG Patl	hsa04668	TNF signaling pathway	-7.335736	-5.42016	21/108	
KEGG Patl	hsa04668	TNF signaling pathway	-7.335736	-5.42016	21/108	
KEGG Patl	hsa04064	NF-kappa B signaling pathway	-5.537703	-4.099248	17/95	
KEGG Patl	hsa05340	Primary immunodeficiency	-7.015964	-5.225327	12/37	
KEGG Patl	hsa05340	Primary immunodeficiency	-7.015964	-5.225327	12/37	
KEGG Patl	hsa04660	T cell receptor signaling pathway	-6.325845	-4.632118	19/103	
KEGG Patl	hsa05146	Amoebiasis	-6.135566	-4.483232	18/96	
KEGG Patl	hsa05146	Amoebiasis	-6.135566	-4.483232	18/96	
KEGG Patl	hsa04933	AGE-RAGE signaling pathway in diabetic comp	-5.930939	-4.352874	18/99	
KEGG Patl	hsa05143	African trypanosomiasis	-5.376758	-3.961785	10/35	
KEGG Patl	hsa04060	Cytokine-cytokine receptor interaction	-5.963758	-4.352874	33/270	
KEGG Patl	hsa04060	Cytokine-cytokine receptor interaction	-5.963758	-4.352874	33/270	
KEGG Patl	hsa04630	Jak-STAT signaling pathway	-3.234545	-2.22206	18/156	
KEGG Patl	hsa04662	B cell receptor signaling pathway	-5.900473	-4.352874	15/71	
KEGG Patl	hsa04662	B cell receptor signaling pathway	-5.900473	-4.352874	15/71	
KEGG Patl	hsa04666	Fc gamma R-mediated phagocytosis	-5.146354	-3.753657	16/91	
KEGG Patl	hsa04650	Natural killer cell mediated cytotoxicity	-4.63261	-3.386041	19/133	
KEGG Patl	hsa04380	Osteoclast differentiation	-3.728455	-2.647512	17/130	
KEGG Patl	hsa04664	Fc epsilon RI signaling pathway	-3.394645	-2.35041	11/68	
KEGG Patl	hsa04611	Platelet activation	-5.718736	-4.215089	20/123	
KEGG Patl	hsa04611	Platelet activation	-5.718736	-4.215089	20/123	
KEGG Patl	hsa04070	Phosphatidylinositol signaling system	-4.781424	-3.485637	16/97	
KEGG Patl	hsa00562	Inositol phosphate metabolism	-2.663263	-1.677107	10/71	
KEGG Patl	hsa04750	Inflammatory mediator regulation of TRP chanr	-2.593365	-1.615641	12/97	
KEGG Patl	hsa04915	Estrogen signaling pathway	-2.102227	-1.207841	11/98	
KEGG Patl	hsa04725	Cholinergic synapse	-2.087561	-1.206748	12/112	
KEGG Patl	hsa05162	Measles	-5.704696	-4.215089	21/134	
KEGG Patl	hsa05162	Measles	-5.704696	-4.215089	21/134	
KEGG Patl	hsa05164	Influenza A	-3.985239	-2.847815	21/173	
KEGG Patl	hsa04620	Toll-like receptor signaling pathway	-3.832995	-2.741328	15/104	
KEGG Patl	hsa05142	Chagas disease (American trypanosomiasis)	-2.883139	-1.879608	13/102	
KEGG Patl	hsa05168	Herpes simplex infection	-2.768472	-1.773715	19/185	
KEGG Patl	hsa04621	NOD-like receptor signaling pathway	-5.59091	-4.127632	24/170	
KEGG Patl	hsa04621	NOD-like receptor signaling pathway	-5.59091	-4.127632	24/170	
KEGG Patl	hsa04062	Chemokine signaling pathway	-5.070057	-3.69855	24/182	
KEGG Patl	hsa04062	Chemokine signaling pathway	-5.070057	-3.69855	24/182	
KEGG Patl	hsa05140	Leishmaniasis	-5.028736	-3.677432	14/73	
KEGG Patl	hsa05140	Leishmaniasis	-5.028736	-3.677432	14/73	
KEGG Patl	hsa05321	Inflammatory bowel disease (IBD)	-4.919432	-3.594085	13/65	
KEGG Patl	hsa05145	Toxoplasmosis	-3.951555	-2.826029	16/113	

KEGG Patl hsa05152	Tuberculosis	-3.344273	-2.313304	20/179
KEGG Patl hsa05323	Rheumatoid arthritis	-2.380939	-1.419606	11/90
KEGG Patl hsa05150	Staphylococcus aureus infection	-4.907601	-3.594085	12/56
KEGG Patl hsa05150	Staphylococcus aureus infection	-4.907601	-3.594085	12/56
KEGG Patl hsa04145	Phagosome	-2.094396	-1.206849	15/154
KEGG Patl hsa05332	Graft-versus-host disease	-4.70626	-3.427507	10/41
KEGG Patl hsa05332	Graft-versus-host disease	-4.70626	-3.427507	10/41
KEGG Patl hsa04940	Type I diabetes mellitus	-4.51158	-3.280251	10/43
KEGG Patl hsa05320	Autoimmune thyroid disease	-4.409449	-3.220872	11/53
KEGG Patl hsa05330	Allograft rejection	-4.182048	-3.0198	9/38
KEGG Patl hsa04672	Intestinal immune network for IgA production	-3.994434	-2.847815	10/49
KEGG Patl hsa05416	Viral myocarditis	-3.30183	-2.280201	10/59
KEGG Patl hsa04015	Rap1 signaling pathway	-4.481377	-3.264772	25/210
KEGG Patl hsa04015	Rap1 signaling pathway	-4.481377	-3.264772	25/210
KEGG Patl hsa04072	Phospholipase D signaling pathway	-3.586716	-2.526457	18/146
KEGG Patl hsa04670	Leukocyte transendothelial migration	-4.452203	-3.249838	17/114
KEGG Patl hsa04670	Leukocyte transendothelial migration	-4.452203	-3.249838	17/114
KEGG Patl hsa05202	Transcriptional misregulation in cancer	-4.190336	-3.0198	22/180
KEGG Patl hsa05202	Transcriptional misregulation in cancer	-4.190336	-3.0198	22/180
KEGG Patl hsa04610	Complement and coagulation cascades	-3.390925	-2.35041	12/79
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KEGG Patl hsa04640	Hematopoietic cell lineage	Hematopoietic cell lineage	-15.74516	-13.05143	15/97
KEGG Patl hsa04640	Hematopoietic cell lineage	Hematopoietic cell lineage	-15.74516	-13.05143	15/97
KEGG Patl hsa05152	Tuberculosis	Tuberculosis	-14.14085	-11.74815	17/179
KEGG Patl hsa05140	Leishmaniasis	Leishmaniasis	-13.0228	-10.8062	12/73
KEGG Patl hsa05150	Staphylococcus aureus infection	Staphylococcus aureus infection	-12.88075	-10.78908	11/56
KEGG Patl hsa04145	Phagosome	Phagosome	-12.69015	-10.69539	15/154
KEGG Patl hsa04659	Th17 cell differentiation	Th17 cell differentiation	-8.450804	-6.535228	10/107
KEGG Patl hsa04514	Cell adhesion molecules (CAMs)	Cell adhesion molecules (CAMs)	-8.276629	-6.428	11/145
KEGG Patl hsa04658	Th1 and Th2 cell differentiation	Th1 and Th2 cell differentiation	-7.834041	-6.043404	9/92
KEGG Patl hsa05321	Inflammatory bowel disease (IBD)	Inflammatory bowel disease (IBD)	-6.498404	-4.804677	7/65
KEGG Patl hsa04612	Antigen processing and presentation	Antigen processing and presentation	-5.990049	-4.36301	7/77
KEGG Patl hsa04672	Intestinal immune network for IgA production	Intestinal immune network for IgA production	-5.977556	-4.36301	6/49
KEGG Patl hsa05145	Toxoplasmosis	Toxoplasmosis	-5.933768	-4.353984	8/113
KEGG Patl hsa05310	Asthma	Asthma	-5.673477	-4.165627	5/31
KEGG Patl hsa05323	Rheumatoid arthritis	Rheumatoid arthritis	-5.5302	-4.091745	7/90
KEGG Patl hsa05164	Influenza A	Influenza A	-5.487963	-4.072989	9/173
KEGG Patl hsa05322	Systemic lupus erythematosus	Systemic lupus erythematosus	-5.401132	-4.008435	8/133
KEGG Patl hsa05332	Graft-versus-host disease	Graft-versus-host disease	-5.053085	-3.681577	5/41
KEGG Patl hsa04940	Type I diabetes mellitus	Type I diabetes mellitus	-4.949168	-3.597864	5/43
KEGG Patl hsa05168	Herpes simplex infection	Herpes simplex infection	-4.358891	-3.112322	8/185
KEGG Patl hsa05330	Allograft rejection	Allograft rejection	-3.878486	-2.661881	4/38
KEGG Patl hsa05166	HTLV-I infection	HTLV-I infection	-3.389802	-2.201225	8/256
KEGG Patl hsa05320	Autoimmune thyroid disease	Autoimmune thyroid disease	-3.314789	-2.139576	4/53
KEGG Patl hsa05416	Viral myocarditis	Viral myocarditis	-3.137142	-1.999717	4/59
KEGG Patl hsa04380	Osteoclast differentiation	Osteoclast differentiation	-6.526791	-4.804677	9/130
KEGG Patl hsa04380	Osteoclast differentiation	Osteoclast differentiation	-6.526791	-4.804677	9/130
KEGG Patl hsa04666	Fc gamma R-mediated phagocytosis	Fc gamma R-mediated phagocytosis	-4.402634	-3.132819	6/91
KEGG Patl hsa05134	Legionellosis	Legionellosis	-5.675719	-4.165627	6/55
KEGG Patl hsa05134	Legionellosis	Legionellosis	-5.675719	-4.165627	6/55
KEGG Patl hsa05133	Pertussis	Pertussis	-3.745307	-2.542942	5/76
KEGG Patl hsa05143	African trypanosomiasis	African trypanosomiasis	-2.750907	-1.636963	3/35
KEGG Patl hsa05132	Salmonella infection	Salmonella infection	-2.530436	-1.427773	4/86
KEGG Patl hsa05146	Amoebiasis	Amoebiasis	-2.359059	-1.278116	4/96
KEGG Patl hsa05144	Malaria	Malaria	-2.331909	-1.261432	3/49

KEGG Patl hsa04623	Cytosolic DNA-sensing pathway	-2.01003	-1.006499	3/64
KEGG Patl hsa04611	Platelet activation	-5.655234	-4.165627	8/123
KEGG Patl hsa04611	Platelet activation	-5.655234	-4.165627	8/123
KEGG Patl hsa04060	Cytokine-cytokine receptor interaction	-5.547379	-4.091745	11/270
KEGG Patl hsa04060	Cytokine-cytokine receptor interaction	-5.547379	-4.091745	11/270
KEGG Patl hsa04151	PI3K-Akt signaling pathway	-4.583052	-3.287265	11/342
KEGG Patl hsa04144	Endocytosis	-2.030291	-1.017805	6/260
KEGG Patl hsa04670	Leukocyte transendothelial migration	-4.849138	-3.517139	7/114
KEGG Patl hsa04670	Leukocyte transendothelial migration	-4.849138	-3.517139	7/114
KEGG Patl hsa04610	Complement and coagulation cascades	-4.753018	-3.439502	6/79
KEGG Patl hsa04610	Complement and coagulation cascades	-4.753018	-3.439502	6/79
KEGG Patl hsa05162	Measles	-4.395182	-3.132819	7/134
KEGG Patl hsa05162	Measles	-4.395182	-3.132819	7/134
KEGG Patl hsa05340	Primary immunodeficiency	-3.92447	-2.693141	4/37
KEGG Patl hsa05142	Chagas disease (American trypanosomiasis)	-2.265855	-1.215581	4/102
KEGG Patl hsa04660	T cell receptor signaling pathway	-2.250943	-1.210429	4/103
KEGG Patl hsa04015	Rap1 signaling pathway	-3.192735	-2.030487	7/210
KEGG Patl hsa04015	Rap1 signaling pathway	-3.192735	-2.030487	7/210
KEGG Patl hsa05202	Transcriptional misregulation in cancer	-2.086375	-1.055406	5/180
KEGG Patl hsa04810	Regulation of actin cytoskeleton	-3.168451	-2.018792	7/212
KEGG Patl hsa04810	Regulation of actin cytoskeleton	-3.168451	-2.018792	7/212
KEGG Patl hsa04620	Toll-like receptor signaling pathway	-3.115253	-1.989727	5/104
KEGG Patl hsa04620	Toll-like receptor signaling pathway	-3.115253	-1.989727	5/104
KEGG Patl hsa05418	Fluid shear stress and atherosclerosis	-2.517967	-1.4263	5/142
KEGG Patl hsa05418	Fluid shear stress and atherosclerosis	-2.517967	-1.4263	5/142
KEGG Patl hsa04933	AGE-RAGE signaling pathway in diabetic comp	-2.311636	-1.251378	4/99
KEGG Patl hsa04062	Chemokine signaling pathway	-2.066828	-1.045199	5/182
KEGG Patl hsa04062	Chemokine signaling pathway	-2.066828	-1.045199	5/182

